

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|------------------|
| | | Hirai; Yoshinori | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 15:59 |
| | | "20020196243" and and N same line same counter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:59 |
| | | (LCD or liquid same crystal same display\$6) and (driv\$6 same n adj frame\$6) same method and and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:48 |
| | | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:39 |
| L1 | 1 | driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and "5953002".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:17 |
| L2 | 1 | driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and "5953002".pn. and count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:24 |
| L3 | 1 | "5953002".pn. and count\$6 and clock\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:24 |
| L4 | 6 | driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and (count\$6 and sub same frame\$6) and generate\$6 same flag | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:37 |
| L5 | 542752 | (LCD or liquid same crystal same display\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:38 |

EAST Search History

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| L6 | 7778 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:39 |
| L7 | 698 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 and generat\$6 same flag\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:39 |
| L8 | 429 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 and generat\$6 same flag\$6 and line same count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:40 |
| L9 | 435 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 and generat\$6 same flag\$6 and line\$6 same count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:40 |
| L10 | 0 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same generat\$6 same flag\$6 and line\$6 same count\$6 same genrate same flag\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:41 |
| L11 | 23 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same generat\$6 same flag\$6 and line\$6 same count\$6 same generate same flag\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:52 |
| L12 | 14 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generate same flag\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:42 |
| L13 | 15 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generat\$6 same flag\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:54 |
| L14 | 3 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generat\$6 same flag\$6 and (sub same frame\$6 or sub adj frame\$6 or subframe\$6 or sub-frame\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:47 |

EAST Search History

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| L15 | 3 | (LCD or liquid same crystal same display\$6) and (n same frame\$6 or n-frame\$6 or n adj frame\$6) same count\$6 same clock\$6 same generat\$6 same flag\$6 and (n same line\$6 or n-Line\$6 or n adj line\$6) same clock\$6 same count\$6 same generat\$6 same flag\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:50 |
| L16 | 12 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generat\$6 same flag\$6 and (n same frame\$6 or n-frame\$6 or n adj frame\$6) and (n same line\$6 or n-Line\$6 or n adj line\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:53 |
| L17 | 5 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generat\$6 same flag\$6 and (n same frame\$6 or n-frame\$6 or n adj frame\$6) and (n same line\$6 or n-Line\$6 or n adj line\$6) and (stn or super same twist\$6 samt nematic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:53 |
| L18 | 5 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generat\$6 same flag\$6 and (n same frame\$6 or n-frame\$6 or n adj frame\$6) and (n same line\$6 or n-Line\$6 or n adj line\$6) and (stn or super same twist\$6 same nematic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:34 |
| L19 | 10 | (LCD or liquid same crystal same display\$6) and frame\$6 same count\$6 same clock\$6 same generat\$6 same flag\$6 and line\$6 same clock\$6 same count\$6 same generat\$6 same flag\$6 and invert\$6 same (liquid same crystal or IC) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:53 |
| L20 | 0 | (LCD or liquid same crystal same display\$6) and (driv\$6 adj n adj frame\$6) same method | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:35 |
| L21 | 43 | (LCD or liquid same crystal same display\$6) and (driv\$6 same n adj frame\$6) same method | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:47 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| L22 | 0 | display\$6 and (driv\$6 adj n adj frame\$6) adj method | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:36 |
| L23 | 0 | display\$6 and driv\$6 adj n adj frame\$6 adj method | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:36 |
| L24 | 0 | display\$6 and driv\$6 adj n adj frame\$6 and method | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:37 |
| L25 | 0 | display\$6 and driv\$6 same n adj frame\$6 adj method | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:37 |
| L26 | 2 | display\$6 and driv\$6 and n adj frame\$6 adj method | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:39 |
| L27 | 1761 | display\$6 and driv\$6 and n adj frame\$6 and method | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:39 |
| L28 | 14 | (LCD or liquid same crystal same display\$6) same (STN or super same twist\$6 same nematic) and (driv\$6 same n adj frame\$6) same method | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:42 |
| L29 | 14 | (LCD or liquid same crystal same display\$6) same (STN or super same twist\$6 same nematic) and (driv\$6 same n adj frame\$6) same method and (sub-frame\$6 or sub frame\$6 or sub same frame\$6 or sub adj frame\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:44 |
| L30 | 14 | (LCD or liquid same crystal same display\$6) same (STN or super same twist\$6 same nematic) and (driv\$6 same n adj frame\$6) same method and n same (sub-frame\$6 or sub frame\$6 or sub same frame\$6 or sub adj frame\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:46 |

EAST Search History

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|-----|----|---|---|----|----|------------------|
| L31 | 0 | (LCD or liquid same crystal same display\$6) same (STN or super same twist\$6 same nematic) and (driv\$6 same n adj frame\$6) same method and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:46 |
| L32 | 0 | (LCD or liquid same crystal same display\$6) same (STN or super same twist\$6 same nematic) and (driv\$6 same n adj frame\$6) and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:46 |
| L33 | 6 | (LCD or liquid same crystal same display\$6) and (driv\$6 same n adj frame\$6) same method and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:50 |
| L34 | 5 | (LCD or liquid same crystal same display\$6) and (driv\$6 same n adj frame\$6) same method and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:56 |
| L35 | 0 | (LCD or liquid same crystal same display\$6) and (driv\$6 same n adj frame\$6) same method and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 and (STN ot super same twisted same nematic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 13:58 |
| L36 | 24 | (LCD or liquid same crystal same display\$6) and driv\$6 and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 and (STN ot super same twisted same nematic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:00 |
| L37 | 9 | (LCD or liquid same crystal same display\$6) and driv\$6 and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 and (STN ot super same twisted same nematic) and invert\$6 same (liquid same crystal or LC) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:01 |
| L38 | 9 | (LCD or liquid same crystal same display\$6) and driv\$6 and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 and (STN or super same twisted same nematic) and invert\$6 same (liquid same crystal or LC) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 15:58 |

EAST Search History

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|-----|----|--|---|----|----|------------------|
| L39 | 2 | "6628258".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:06 |
| L40 | 1 | "6628258".pn. and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:06 |
| L41 | 2 | (LCD or liquid same crystal same display\$6) and driv\$6 and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) same count\$6 and (STN or super adj twisted adj nematic) and invert\$6 same (liquid same crystal or LC) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:12 |
| L42 | 2 | (STN or super adj twisted adj nematic) adj (LCD or liquid same crystal same display\$6) and driv\$6 and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) same count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:13 |
| L43 | 38 | (STN or super adj twisted adj nematic) adj (LCD or liquid same crystal same display\$6) and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:23 |
| L44 | 2 | (STN or super adj twisted adj nematic) adj (LCD or liquid same crystal same display\$6) and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) same count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:14 |
| L45 | 6 | (STN or super adj twisted adj nematic) adj (LCD or liquid same crystal same display\$6) and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:23 |
| L46 | 3 | "6,249,265".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 18:31 |
| L47 | 1 | "6,249,265".pn. and subframe | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:57 |

EAST Search History

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|-----|---|---|---|----|----|------------------|
| L48 | 0 | "6,249,265".pn. and n adj subframe | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:55 |
| L49 | 3 | "20020196243" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:58 |
| L50 | 0 | "20020196243" and subframe\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:57 |
| L51 | 0 | "20020196243" and STN same LCD | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:57 |
| L52 | 0 | "6,249,265".pn. and subframe and STN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:57 |
| L53 | 0 | "6,249,265".pn. and subframe and (STN or super adj twist\$6 adj nematic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:58 |
| L54 | 2 | "20020196243" and (STN or super adj twist\$6 adj nematic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:59 |
| L55 | 0 | "20020196243" and N same line same counter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 14:59 |
| L56 | 3 | (LCD or liquid same crystal same display\$6) and driv\$6 and n same (sub-frame\$6 or subframe\$6 or sub same frame\$6 or sub adj frame\$6) and count\$6 and (STN or super same twisted same nematic) and invert\$6 same (liquid same crystal or LC) and FRC | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 15:58 |

EAST Search History

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| L57 | 1 | "5953002".pn. and selection adj pulses | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 17:19 |
| L58 | 1 | "5953002".pn. and subframe | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 17:19 |
| L59 | 2 | "6094243".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 18:32 |
| L60 | 0 | "6094243".pn. and (FRC or frame\$6 same rate\$6 same control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 18:32 |
| S1 | 2896046 | method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 drives | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/06 23:22 |
| S2 | 1672 | method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/06 23:22 |
| S3 | 113 | method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 and determ\$6 and (frame\$6 same rate same control\$6 or FRC) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/06 23:28 |
| S4 | 98 | method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 and determ\$6 and (frame\$6 same rate same control\$6 or FRC) and select\$6 same signal\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/06 23:28 |
| S5 | 4 | method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 and determ\$6 and (frame\$6 same rate same control\$6 or FRC) and select\$6 same signal\$6 and count\$6 same number\$6 same sub same frame\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/06 23:31 |

EAST Search History

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| S6 | 7 | method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 and determ\$6 and (frame\$6 same rate same control\$6 or FRC) and select\$6 same signal\$6 and count\$6 same sub same frame\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/06 23:33 |
| S7 | 1 | method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 and determ\$6 and (frame\$6 same rate same control\$6 or FRC) and select\$6 same signal\$6 and count\$6 same sub same frame\$6 and invert\$6 same polarity same (super same twisted same nematic or STN) same liquid same crystal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/06 23:34 |
| S8 | 1 | method and driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) same drive\$6 and determ\$6 and (frame\$6 same rate same control\$6 or FRC) and select\$6 same signal\$6 and count\$6 same sub same frame\$6 and invert\$6 same polarity\$6 same (super same twisted same nematic or STN) same liquid same crystal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/06 23:33 |
| S9 | 2 | driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and select\$6 same signal\$6 and count\$6 same sub same frame\$6 and invert\$6 same polarity same (super same twisted same nematic or STN) same liquid same crystal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/06 23:35 |
| S10 | 2 | driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and count\$6 same sub same frame\$6 and invert\$6 same polarity same (super same twisted same nematic or STN) same liquid same crystal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/06 23:35 |
| S11 | 3 | driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and (count\$6 and sub same frame\$6) and invert\$6 same polarity same (super same twisted same nematic or STN) same liquid same crystal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/06 23:36 |

EAST Search History

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|-----|---|---|---|----|----|------------------|
| S12 | 3 | driv\$6 same (super same twisted same nematic or STN) and (liquid same crystal same display\$6 or (LCD)) and (count\$6 and sub same frame\$6) and invert\$6 same polarity\$6 same (super same twisted same nematic or STN) same liquid same crystal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/07 10:36 |
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EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S5 | 1245 | (LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity adj inversion and (sub-frame\$1 or subframe\$1 or sub adj frame\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 12:35 |
| | | (LCD adj or liquid adj crystal adj display) and (STN or super adj twisted adj nematic) and nfrc or ("n" adj frame\$6 adj rate\$6 adj control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:43 |
| | | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 11:25 |
| S6 | 397 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and signal\$6 adj line\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/18 13:54 |
| S7 | 289 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/18 13:54 |
| S8 | 1 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") and (count\$6 and subframe\$6 and "n") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:18 |
| S9 | 7 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") and (count\$6 and sub-frame\$6 and "n") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/18 13:58 |
| S12 | 88 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:15 |
| S13 | 30 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:15 |

EAST Search History

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| S14 | 26 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:15 |
| S20 | 1 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") and (count\$6 and subframe\$6 and "n") and set\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:20 |
| S21 | 1 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") and (count\$6 and subframe\$6) and set\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:21 |
| S22 | 1 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and set\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:21 |
| S24 | 66 | (LCD or liquid adj crystal adj display) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and set\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:22 |
| S25 | 65 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and set\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:41 |
| S26 | 1 | (LCD or liquid adj crystal adj display) and driv\$6 and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") and (count\$6 and sub-frame\$6 and "n") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:23 |
| S27 | 3 | "20050095307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:31 |
| S28 | 2 | "20040095307" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:31 |

EAST Search History

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|-----|----|--|---|----|----|------------------|
| S29 | 8 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and set\$6 adj flag\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:46 |
| S31 | 1 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and (FRC or frame adj rate adj check) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:45 |
| S32 | 1 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and (FRC or frame adj rate adj check) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:46 |
| S33 | 8 | (LCD or liquid adj crystal adj display) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and set\$6 adj flag\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:46 |
| S35 | 1 | (LCD or liquid adj crystal adj display) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 adj subframe\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:47 |
| S41 | 46 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:01 |
| S42 | 1 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (FRC or frame\$6 adj rate\$6 adj check\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:52 |
| S43 | 1 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and FRC | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:52 |
| S45 | 38 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:54 |

EAST Search History

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|-----|-----|---|---|----|----|------------------|
| S47 | 1 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) and polarity\$6 and invert\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:55 |
| S48 | 0 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) and invet\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:55 |
| S49 | 15 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) and invert\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:01 |
| S50 | 7 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) and invert\$6 and polar\$9 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 07:57 |
| S52 | 517 | (LCD or liquid adj crystal adj display) and 345/96.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:08 |
| S53 | 7 | (LCD or liquid adj crystal adj display) and 345/96.ccls. and frc | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:26 |
| S54 | 4 | (LCD or liquid adj crystal adj display) and 345/96.ccls. and frc AND POLARITY\$6 AND INVERT\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:28 |
| S55 | 4 | Tsuchihashi AND Moriyuki | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:07 |
| S56 | 184 | (LCD or liquid adj crystal adj display) and 345/96.ccls. AND COUNT\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:09 |

EAST Search History

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|-----|-----|--|---|----|----|------------------|
| S57 | 112 | (LCD or liquid adj crystal adj display) and 345/96.ccls. AND COUNT\$6 AND CLOCK\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:09 |
| S58 | 112 | (LCD or liquid adj crystal adj display) and 345/96.ccls. AND COUNT\$6 AND CLOCK\$6 AND LINE AND SIGNAL | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:11 |
| S59 | 1 | (LCD or liquid adj crystal adj display) and 345/96.ccls. AND CLOCK\$6 AND (LINE AND SIGNAL AND COUNT\$6) AND (COUNT\$6 AND SUBFRAME\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:14 |
| S60 | 3 | (LCD or liquid adj crystal adj display) and 345/96.ccls. and frc AND POLARITY\$6 AND INVERT\$6 AND CLOCK\$6 AND (LINE AND SIGNAL AND COUNT\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:14 |
| S63 | 328 | (LCD or liquid adj crystal adj display) and 345/96.ccls. AND POLARITY\$6 AND INVERT\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:28 |
| S66 | 4 | (LCD or liquid adj crystal adj display) and 345/96.ccls. AND POLARITY\$6 AND INVERT\$6 AND (SUB-FRAME\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:42 |
| S68 | 67 | (LCD or liquid adj crystal adj display) AND POLARITY\$6 AND INVERT\$6 AND (SUB-FRAME\$6) AND COUNT\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 08:43 |
| S69 | 17 | (LCD or liquid adj crystal adj display) AND POLARITY\$6 AND INVERT\$6 AND (SUB-FRAME\$6) AND COUNT\$6 AND LINE\$1 ADJ SIGNAL\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 09:27 |
| S72 | 1 | (LCD or liquid adj crystal adj display) AND POLARITY\$6 AND INVERT\$6 AND (SUB-FRAME\$6) AND (COUNT\$6 AND CPOMLETE\$6 AND INDICAT\$6 OR FLAG\$6) AND LINE\$1 ADJ SIGNAL\$6 AND (FRAME\$6 AND RATE\$6 AND CONTROL\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 09:47 |

EAST Search History

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|-----|----|---|---|----|----|------------------|
| S76 | 10 | (LCD or liquid adj crystal adj display) AND POLARITY\$6 AND INVERT\$6 AND (SUB-FRAME\$6) AND (COUNT\$6 AND COMPLETE\$6 AND (INDICAT\$6 OR FLAG\$6)) AND LINE\$1 ADJ SIGNAL\$6 AND (FRAME\$6 AND RATE\$6 AND CONTROL\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:48 |
| S77 | 2 | "6897884".PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 11:44 |
| S78 | 1 | "6897884".PN. AND SUB-FRAME\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 11:44 |
| S80 | 9 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") AND (FLAG\$6 OR INDICAT\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:27 |
| S82 | 1 | (LCD or liquid adj crystal adj display) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") AND (FLAG\$6 OR INDICAT\$6) and sub-frame\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 13:27 |
| S83 | 1 | (LCD or liquid adj crystal adj display) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) AND (FLAG\$6 OR INDICAT\$6) and sub-frame\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 13:27 |
| S84 | 1 | (LCD or liquid adj crystal adj display) and (FRC or frame\$6 adj rate\$6 adj control\$6) and clock\$6 and (signal\$6 adj line\$1 and count\$6) AND (FLAG\$6 OR INDICAT\$6) and sub-frame\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 13:37 |
| S85 | 3 | (LCD or liquid adj crystal adj display) and (FRC or frame\$6 adj rate\$6 adj control\$6) and clock\$6 and (signal\$6 and line\$1 and count\$6) AND (FLAG\$6 OR INDICAT\$6) and sub-frame\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 13:38 |
| S86 | 3 | (LCD or liquid adj crystal adj display) and (FRC or frame\$6 adj rate\$6 adj control\$6) and clock\$6 and (signal\$6 and line\$1 and count\$6) AND (FLAG\$6 OR INDICAT\$6) and (sub-frame\$6 and count\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 13:38 |

EAST Search History

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|-----|------|---|---|----|----|------------------|
| S87 | 1245 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:39 |
| S88 | 84 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and STN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:39 |
| S89 | 84 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:45 |
| S90 | 3 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and nfrc or ("n" adj frame\$6 adj rate\$6 adj control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:42 |
| S91 | 1 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (nfrc or "n" adj frame\$6 adj rate\$6 adj control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:41 |
| S92 | 3 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (STN or super adj twisted adj nematic) and nfrc or ("n" adj frame\$6 adj rate\$6 adj control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:42 |
| S93 | 3 | (LCD or liquid adj crystal adj display) and (STN or super adj twisted adj nematic) and nfrc or ("n" adj frame\$6 adj rate\$6 adj control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:43 |
| S94 | 1 | (LCD or liquid adj crystal adj display) and (STN or super adj twisted adj nematic) and (nfrc or "n" adj frame\$6 adj rate\$6 adj control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:43 |
| S95 | 1 | (LCD or liquid adj crystal adj display) and (nfrc or "n" adj frame\$6 adj rate\$6 adj control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:43 |

EAST Search History

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|----------|----|---|---|----|----|------------------|
| S96 | 12 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:19 |
| S97 | 0 | "6,897,884".pn. and (STN or super adj twisted adj nematic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:48 |
| S98 | 1 | (LCD or liquid adj crystal adj display) AND POLARITY\$6 AND INVERT\$6 AND (SUB-FRAME\$6) AND (COUNT\$6 AND COMPLETE\$6 AND (INDICAT\$6 OR FLAG\$6)) AND LINE\$1 ADJ SIGNAL\$6 AND (FRAME\$6 AND RATE\$6 AND CONTROL\$6) and (STN or super adj twisted adj nematic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:49 |
| S99 | 0 | "5596349".pn. and (sub-frame\$6 or sub adj frame\$6 or subframe\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:52 |
| S10 0 | 2 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (sub-frame\$6 or sub adj frame\$6 or subframe\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:53 |
| S10 1 | 2 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (sub-frame\$6 or sub adj frame\$6 or subframe\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:53 |
| S10 2 | 6 | (LCD or liquid adj crystal adj display) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (sub-frame\$6 or sub adj frame\$6 or subframe\$6) and driv\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:58 |

EAST Search History

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|----------|----|---|---|----|----|------------------|
| S10 3 | 4 | (LCD or liquid adj crystal adj display) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (sub-frame\$6 or sub adj frame\$6 or subframe\$6) and driv\$6 and line\$6 adj signal\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 15:59 |
| S10 4 | 6 | (LCD or liquid adj crystal adj display) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (sub-frame\$6 or sub adj frame\$6 or subframe\$6) and driv\$6 and (line\$6 and signal\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/19 16:00 |
| S10 5 | 9 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:04 |
| S10 6 | 0 | "6,084,561".pn. and polarity\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:27 |
| S10 7 | 0 | "6,084,561".pn. and invrt | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:27 |
| S10 8 | 0 | "6,084,561".pn. and invrt\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:27 |
| S10 9 | 2 | "6,084,561".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:27 |
| S11 0 | 12 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) and polarity\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:46 |

EAST Search History

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|----------|---|---|---|----|----|------------------|
| S11 1 | 1 | (LCD or liquid adj crystal adj display) and driv\$6 and counter\$6 and clock\$6 and set\$6 and flag\$6 and (signal\$6 and line\$1 and count\$6) and (count\$6 and subframe\$6) and (frame\$6 and rate\$6 and check\$6) and polarity\$6 and invert\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:47 |
| S11 2 | 1 | "6948098".pn. and polarity | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:48 |
| S11 3 | 3 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") AND (FLAG\$6 OR INDICAT\$6) and polarity\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:51 |
| S11 4 | 2 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") AND (FLAG\$6 OR INDICAT\$6) and polarity\$6 and invert\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:53 |
| S11 5 | 0 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") AND (FLAG\$6 OR INDICAT\$6) and polarity\$6 and invert\$6 and sub-frame | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 09:53 |
| S11 6 | 2 | "20030051192" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 10:58 |
| S11 7 | 0 | "20030051192" and invert\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 10:59 |
| S11 8 | 1 | "20030051192" and polarity\$6 and reverse\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 10:59 |

EAST Search History

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|----------|------|---|---|----|----|------------------|
| S11 9 | 4 | "5739887".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 11:19 |
| S12 0 | 1 | "5739887".pn. and count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 11:19 |
| S12 1 | 4818 | (LCD or liquid adj crystal adj display) and driv\$6 and STN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 11:26 |
| S12 2 | 5283 | (LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 11:37 |
| S12 3 | 14 | (LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity adj inversion | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:20 |
| S12 4 | 0 | (LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity adj inversion and sub-frame | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 12:35 |
| S12 5 | 0 | (LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity adj inversion and sub-frame\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 12:35 |
| S12 6 | 3 | (LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity adj inversion and (sub-frame\$1 or subframe\$1 or sub adj frame\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 12:36 |
| S12 7 | 0 | (LCD or liquid adj crystal adj display) and driv\$6 and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity and inversion and each and frame | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:21 |

EAST Search History

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| S12 8 | 0 | (LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarity and inversion and each and frame | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:21 |
| S12 9 | 0 | (LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarit\$6 and invert\$6 and each and frame | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:22 |
| S13 0 | 27 | (LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarit\$6 and invert\$6 and ((each or every) and frame\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:23 |
| S13 1 | 8 | (LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarit\$6 adj invert\$6 and ((each or every) and frame\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:45 |
| S13 2 | 1 | (LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and (FRC or frame adj rate adj control\$6) and polarit\$6 adj invert\$6 and ((each or every) and frame\$6) and (sub-frame\$6 or subframe46 or sub adj frame\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:31 |
| S13 3 | 1 | (LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and ("n" or "N") adj (FRC or frame adj rate adj control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:46 |
| S13 4 | 2 | (LCD or liquid adj crystal adj display) and (STN or super adj twist\$6 adj nematic) and ("n" or "N") adj (sub adj frame\$6) and (FRC or frame adj rate adj control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:47 |
| S13 5 | 0 | "20020196243" and sub adj.frame\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:57 |
| S13 6 | 0 | "20020196243" and sub-frame\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 13:51 |

EAST Search History

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| S13 7 | 1 | "20020196243" and (FRC or frame adj rate adj control\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 15:22 |
| S13 8 | 1 | "20020196243" and (FRC or frame adj rate adj control\$6) and vertical | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 15:24 |
| S13 9 | 1 | "20020196243" and (FRC or frame adj rate adj control\$6) and vertical and invert\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/20 15:24 |
| S14 0 | 0 | "6084561" and subframe and line adj signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:14 |
| S14 1 | 0 | "6084561" and sub-frame and line adj signal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:14 |
| S14 2 | 0 | "6084561" and sub-frame | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:14 |
| S14 3 | 0 | "20030093702" and sub-frame | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:19 |
| S14 4 | 1 | "20030093702" and subframe | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:19 |
| S14 5 | 1245671 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (fric or frame\$6 adj rate\$6 adj control\$6) and subframe or sub-frame ro sub adj frame | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:20 |

EAST Search History

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| S14 6 | 2 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (subframe or sub-frame ro sub adj frame) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:20 |
| S14 7 | 2 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and count\$6 and clock\$6 and (STN or super adj twisted adj nematic) and (frc or frame\$6 adj rate\$6 adj control\$6) and (subframe or sub-frame or sub adj frame) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:21 |
| S14 8 | 1 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and set\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:24 |
| S14 9 | 0 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6) and (count\$6 and subframe\$6) and (FRC or frame\$6 adj rate\$6 adj check\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:25 |
| S15 0 | 1 | (LCD or liquid adj crystal adj display) and 345/96.ccls. and frc and sub adj frame\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:27 |
| S15 1 | 0 | (LCD adj driv\$6 or liquid adj crystal adj display adj driv\$6) and (FRC or frame\$6 adj rate\$6 adj control\$6) and counter\$6 and clock\$6 and (signal\$6 adj line\$1 and count\$6 and "N") and (subframe\$6 or sub-frame\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:27 |
| S15 2 | 1 | "5,953,002".pn. and line and counter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:55 |
| S15 3 | 1 | "5,953,002".pn. and line and counter and flicker\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:56 |
| S15 4 | 1 | "5,953,002".pn. and flicker\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/21 07:56 |

EAST Search History

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| S15 5 | 458935 | (LCD or liquid adj crystal adj display) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 16:54 |
| S15 6 | 302 | (LCD or liquid adj crystal adj display) and sub same frame\$6 same count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 16:55 |
| S15 7 | 7 | (LCD or liquid adj crystal adj display) and sub same frame\$6 same count\$6 and end\$6 same count\$6 same set\$6 same flag\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 16:58 |
| S15 8 | 68 | (LCD or liquid adj crystal adj display) and driv\$6 and sub adj frame\$6 same count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 16:59 |
| S15 9 | 28 | (LCD or liquid adj crystal adj display) and driv\$6 and sub adj frame\$6 adj count\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 17:03 |
| S16 0 | 3 | (LCD or liquid adj crystal adj display) and driv\$6 and sub adj frame\$6 adj count\$6 and STN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 17:03 |
| S16 1 | 18 | (LCD or liquid adj crystal adj display) and driv\$6 and sub adj frame\$6 and count\$6 and STN | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/28 17:03 |